

## 2010 EAS Seminars

***Eastern Analytical Symposium has refocused and expanded its Outreach program for undergraduates and high school teachers.***

EAS will offer four seminars essentially for high school teachers and undergraduate students during the November meeting. Each seminar will have outstanding presenters from academia and industry. The goal of each seminar is to demonstrate the advantages of a career in chemistry. The topics of these seminars include: (subject to change)

### **Teaching Green Chemistry in High School**

**Sunday, November 14, Seminar E10-S01**

***Free Registration Limited to Middle and High School Teachers***

**1:00 to 4:00 p.m.**

This seminar will be offered exclusively to middle and high school teachers. The seminar, organized by Alvin Bober, will be conducted by three scientists active in the field of Green Chemistry: Dr. Jennifer Young from Green Chemistry Institute of the American Chemical Society, Dr. Amy Cannon of Beyond Benign: A Warner Babcock Foundation and Dr. Douglas Raynie from South Dakota State University.

### **What Does an Analytical Chemist Do in Industry**

**Monday, November 15, Seminar E10-S02**

***Free Registration for Qualified Teachers and Students***

**10:00 a.m. to 3:30 p.m.**

This seminar, organized by Procter and Gamble, is designed to familiarize students with varied career opportunities for analytical chemists in industry. Diverse roles an analytical chemist may fill in industry are examined, such as scientific consultant, method developer, and problem solver. Significant time is spent on exploring the process of solving problems. Actual case studies solved at P&G are posed, providing students with a strategy for approaching and solving these problems. This course is structured for interactive participation.

### **Analytical Chemistry and Forensic Science**

**Tuesday, November 16, Seminar E10-S03**

***Free Registration for Qualified Teachers and Students***

**10:00 a.m. to 3:30 p.m.**

This seminar, organized by Dr. Richard Saferstein, will have several speakers and they will discuss a variety of analytical technologies that are applicable to solving forensic science problems. Students will be introduced to the science of forensic toxicology and will learn the strategies that forensic toxicologists employ to detect poisons and drugs in the human body. Significant achievements that have been made in utilizing DNA typing for the purposes of linking biological evidence to a single individual will also be discussed. A number of actual case discussions will be presented and finally an overview of how forensic analysis makes use of minute particles in resolving crimes will be given.

### **Evolution of Industrial Careers for Chemists: Diversity, Technology Advancements and Job Security**

**Wednesday, November 17, Seminar E10-S04**

***Free Registration for Qualified Teachers and Students***

**10:00 a.m. to 3:30 p.m.**

This seminar, organized by Dr. Sergio C. Nanita DuPont Co., will provide attendees with a perspective on how careers have evolved overtime, with emphasis on the present and future direction of professional roles and analytical technology in industry. Speakers from chemical and instrumentation companies, as well as the American Chemical Society (ACS) Department of Diversity Programs will participate in the event. The morning seminars will be followed by a round-table discussion to allow attendees to interact/network with experienced industry professionals.

*Registration for the seminars is free; however, students and teachers must pre-register to reserve a space. Information on registration will be posted on our website as soon as they are finalized. Please contact Eastern Analytical Symposium at [askeas@eas.org](mailto:askeas@eas.org) or visit our website at [www.EAS.org](http://www.EAS.org) for more information. Registration will open in early July 2010.*

## 2010 EAS Workshop

### Career Placement for Senior Scientists and Managers

**Workshop E10-W01, Wednesday, November 17, 9:00 a.m. – 11:00 a.m.**

**Facilitator: John Guarniere, President RCE Associates**

Finding key technical and management positions is more difficult than ever before. Those newly created positions supported by cash flow are no longer being created. So, if you are looking to manage and/or lead others, or to find a key scientific or engineering position, you need to develop and execute a superior career marketing plan. We will discuss some of the critical issues that senior scientists and engineers face in making career changes, such as:

- Establishing career objectives, recognizing strengths and weaknesses, and determining key accomplishments
- Planning a multi-dimensional search, identifying website position openings
- Developing outstanding resumes, cover letters, and telephone presentations
- Targeting future employers (Government, Industry, Education)
- Evaluating Management and Profit & Loss skills
- Networking contacts, Dealing with Executive Search Firms

If time permits, a discussion of proven technique allowing better communication of pertinent accomplishments to potential employers.

#### **About the Instructor:**

John Guarniere is the founder of RCE Associates. He is a Senior Human Resource Consultant who has worked for major corporations. He has provided both Retained Executive Search and Career Advisory Services over the years.

*This workshop is free to all Full Conferees, but pre-registration is required to reserve a space.*

